

# Artist Jason Derülo to headline Spring Weekend concert

*Janelle Monae will perform the opening act for Apr. 29 event*

By Stan Gill  
STAFF REPORTER

R&B will be the musical style of choice at this year's annual MIT Spring Weekend Concert. Jason Derülo, known for his hits "Ridin' Solo" and "Whatcha Say," will headline the concert. Contemporary R&B artist Janelle Monae will be opening. The concert will take place on April 29, 8 p.m. at Johnson Ice Rink.

The selection process for the performers was handled by the Undergraduate Association Events Committee. Though the UA committee has traditionally handled finding entertainment in conjunction with the Student Activities Office, SAO took over these responsibilities in spring 2008 when the committee was unable to come to a conclusion. The choice returned to the UA in 2009 after an overhaul of the committee structure.

To start the process, Events

Committee brainstorms a list of artists, which is sent to the committee's agent at Pretty Polly Productions. The agent directly negotiates with and books the artists, and may inform the committee of other artists who they believe might be a good fit for MIT. The list of artists submitted to the agent this year was taken from the results of a survey sent to students in fall 2010. Christine Chen '12, Chair of the UA Events Committee, says that the biggest criterion for picking an artist is price.

"Booking talent costs much more than people think," Chen said. "As much as we would always love to get someone who is very current, we just do not have the budget for it."

Events Committee has a budget of about \$100,000 for the event, about \$75,000 of which is spent on the costs of booking the headliner

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On Sunday morning, hackers placed a sword stuck in an anvil on one of the pedestals in Lobby

7. The hack, presumably to welcome the new chancellor, has a plaque inscribed "Who So Pulleth Out This Sword of this Stone and Anvil is the Rightwise Born Chancellor of The Institvte," a reference to the novel and movie *The Sword in the Stone*. The sword is adorned with a number of MIT references: "Massachusetts Institvte of Technology" and "MDCCCLXI," the year the Institute was founded, are engraved on the blade; the bolt heads on the hilt spell out "X + I" to represent 2011; and the MIT seal is on the handle of the sword.

## DON'T ASK, DON'T REPEAL?

Opinion writers face off on question of DADT repeal. **OPINION, p. 5**

## POKÉMON REACTIONISM

What the old fad can tell about where we are now. **CAMPUS LIFE, p. 7**



MANOHAR B. SRIKANTH

Chairman of the MIT Corporation John S. Reed '61 speaks to the Undergraduate Association Senate on Monday evening in W20-400. Reed spoke on the endowment, deferred maintenance, and student life.

## John Reed meets with UA Senate

*Corporation Chairman addresses student engagement*

By Ethan A. Solomon

EDITOR IN CHIEF

Chairman of the MIT Corporation John S. Reed '61 spoke at last night's UA Senate meeting, addressing student concerns over deferred maintenance, student life, academ-

ic policy, and budget plans. Last night's meeting marks the first time Reed has spoken at the Senate since his election to the Corporation on June 4 last year.

Chief on senators' minds were questions of student engagement. Reed noted that he had read the let-

ter from five current and former UA presidents published in the January/February issue of the Faculty Newsletter, specifically addressing student concerns on communication with the MIT administration.

**John Reed, Page 14**

## One official ticket running for UA President/VP

As of the official late petition deadline yesterday at noon, only one pair of candidates had announced their intention to run for UA President and Vice President. Allan E. Miramonti '13 and Alec C. Lai '13 are the only candidates for president and vice president, respectively, although it is possible that write-in candidacies could be announced in the coming weeks.

In the platform submitted with their candidacy, the pair described three primary areas of focus — student engagement, enhancement of student spaces, and linking student services. "Foremost, we plan to address student engagement issues by being pro-

### INSIDE

Full table of UA/Class

Council candidate tickets,

**p. 14**

active and rebuilding trust between students and administrators. Also, we feel that many student spaces on campus can be better optimized for student needs. Lastly, we would like to create a UA Help Desk that will bring together information about all of the student resources on campus," Miramonti wrote in an e-mail.

Miramonti is currently a UA senator from Random House, and Lai is currently the UA Secretary General and Next House President.

Undergraduates have not elected a UA president who is not entering his or her last year at MIT since at least 1994.

Many class council positions have similarly uncontested elections, excluding potential write-ins (see table, p. 14). Only the Class of 2014 publicity chair race, with three tickets, had more than two candidates. Over half of all open positions have only one ticket or candidate.

The platforms of all candidates who submitted petitions by deadline (not write-in candidates) can be viewed at the UA elections website, [vote.mit.edu](http://vote.mit.edu).

—Pearle Lipinski

## IN SHORT

Welcome Professor W. Eric L. Grimson PhD '80 to his new post as Chancellor today in Lobby 7 from 12-1 p.m. Refreshments will be served.

**Latkes or hamantaschen?** See the debate tonight in 26-100 at 8 p.m.

**The CPW opening night festival** event registration deadline is this Friday, March 4.

MIT staff are now allowed to participate in intramural sports! Check the intramural website for details, <http://web.mit.edu/athletics/www/intramurals/index.html>.

**No towel service** today at the Wang Fitness Center and Alumni Pool because of a broken washer. Remember to bring your own!

**Send news information and tips to** [news@tech.mit.edu](mailto:news@tech.mit.edu).

## Incident in Building 46

Around 5:30 p.m. yesterday, an unidentified male fell from an upper story of the Brain and Cognitive Sciences complex (Building 46) to the third floor atrium. It is possible he fell from the fifth floor of the building down to the open atrium two stories below. Police were on the scene immediately and traffic was directed away from Vassar Street.

The male was breathing when medical help arrived and had sustained a major head injury. Despite his injury, he remained conscious in the ambulance while being transported to Massachusetts General Hospital. His girlfriend, escorted by a professor, visited him at the hospital yesterday evening.

There was at least one witness who gave a statement to the MIT Police, reportedly traumatized after witnessing the incident. The witness was later transported to MIT Medical.

The nature of the fall is currently unknown.

—Jessica J. Pourian

## WELCOME, CHANCELLOR

*The Tech* looks forward to open communication between students and administration.

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## DON'T ASK, DON'T REPEAL?

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## DANCE AND SWING THE BLUES AWAY

MIT's Lindy Hop Society is a beginner-friendly way to learn some distinctive swing dance.

**CAMPUS LIFE, p. 8**

## MARCH MADNESS HAS BEGUN

Follow along the NCAA Div. III Championship with *The Tech*'s handy tourney bracket.

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## Gadhafi continues to attack Libyans with military force

BENGHAZI, Libya — Moammar Gadhafi's forces struck back on three fronts on Monday, using fighter jets, special forces units, and regular army troops in an escalation of hostilities that brought Libya closer to civil war.

The attacks by the colonel's troops on an oil refinery in central Libya and on cities on either side of the country unsettled rebel leaders — who earlier had claimed they were close to liberating the country — and showed that despite defections by the military, the government still possessed powerful assets, including fighter pilots willing to bomb Libyan cities.

In some of the harshest language yet from an U.S. official, the United Nations envoy, Susan Rice, accused Gadhafi of "slaughtering his own people" and being "disconnected from reality."

Street battles raged in Misurata and Zawiyah, two important breakaway cities near Tripoli, the nation's capital and principal Gadhafi stronghold.

—Kareem Fahim and David D. Kirkpatrick, *The New York Times*

## New drilling permit for Gulf of Mexico, first one after BP spill

WASHINGTON — The Interior Department said Monday that it had approved the first new deepwater drilling permit in the Gulf of Mexico since the BP explosion and spill last spring, a milestone after a period of intense uncertainty for industry and a wholesale remaking of the nation's system of offshore oil and gas regulation.

Michael R. Bromwich, director of the Bureau of Ocean Energy Management, Regulation and Enforcement, said that Noble Energy had been granted permission to resume drilling in 6,500 feet of water off the coast of Louisiana.

Work on the well was suspended, along with virtually all other drilling activity in water deeper than 5,000 feet, immediately after the Deepwater Horizon accident last April 20. The disaster killed 11 rig workers and spewed nearly 5 million barrels of oil into the ocean.

Still, there was no indication that drilling in the gulf would return anytime soon to levels preceding the BP well blowout.

—John M. Broder and Clifford Krauss, *The New York Times*

## Despite Oscar win, migrants at Israeli school face deportation

TEL AVIV, Israel — The children in the kindergarten class were taking their new celebrity status in stride Monday, singing a Hebrew song about patience, hours after a movie about their school, Bialik-Rogozin in south Tel Aviv, won the Academy Award for best short documentary in Los Angeles.

Although the U.S.-made documentary, "Strangers No More," celebrates the school's atmosphere of diversity and tolerance as it tries to integrate the children into Israeli life, there is an ominous subtext to the story that was not explored in the movie. Of the school's 828 pupils, ranging from kindergarten to 12th grade, 120 are facing deportation with their families because they do not meet government criteria for obtaining legal status.

Despite all the school's attention from the Oscar, Israel's Interior Ministry said Monday that the government's preparations for dealing with the children of illegal residents were in their final stages and that the plan would be carried out in the coming weeks.

A spokeswoman for the Interior Ministry said that since August, the government had considered more than 700 requests from people appealing their expected deportation.

—Isabel Kershner, *The New York Times*

### WEATHER

## Another week of ups and downs

By Vince Agard  
STAFF METEOROLOGIST

This week will again be a bit of a weather roller coaster as a few passing weather systems impact New England. After Sunday's four-inch snow accumulation was washed away by over half an inch of rain on Monday, the remainder of the week will bring a few more weather extremes. After a relatively normal day today, gusty winds from the southwest will

bring warm air to the area tomorrow. However, a cold front tomorrow night will then immediately knock temperatures into the mid-teens (°F).

Cambridge hasn't been the only place with unordinary weather this week: temperatures were below zero in the northern plains region this weekend, and parts of northern California experienced a snowstorm. Today, another storm could dump up to a foot of snow in the Pacific Northwest.

### Extended Forecast

**Today:** Mostly sunny. High 38°F (3°C). Winds NW at 10–15 mph, becoming calmer in the evening.  
**Tonight:** Breezy. Low 28°F (-2°C). Winds becoming SW and increasing to around 15 mph.  
**Tomorrow:** Partly cloudy and breezy. High 46°F (7°C). Winds SW at 15–20 mph.  
**Thursday:** Sunny and colder. High 20°F (-6°C).  
**Friday:** Partly sunny. High 35°F (1°C).

## UN refugee agency declares Libya a humanitarian crisis

By Alan Cowell  
THE NEW YORK TIMES

PARIS — Almost 100,000 people have fled Libya's fighting to neighboring Egypt and Tunisia, the U.N. refugee agency said, in what it called a humanitarian emergency.

The numbers seem to have increased over the weekend as armed rebel forces moved closer to a showdown with Moammar Gadhafi and his loyalists, who were standing their ground in Tripoli — the capital — and a handful of other places.

The executive director of the World Food Program traveled to Tunisia on Monday to meet with government officials on refugees' needs and the impact on the region. In Geneva, Secretary of State Hillary Rodham Clinton announced that the U.S. Agency for International Development was dispatching two teams to Libya's borders in Egypt and Tunisia to assess the need for emergency assistance. She said the aid agency had set aside \$10 million for humanitarian assistance and begun an inventory of U.S. emergency food supplies.

On Monday, French Prime Minister Francois Fillon said in Paris that his country was sending two planes carrying doctors, nurses, medications, and medical equipment to the rebels' eastern stronghold of Benghazi.

People from the United States and many European nations have been evacuated by sea and air from Tripoli and Benghazi, using the island of Malta as a staging point. The European Union said in Brussels that most of its 10,000 people in Libya had left, but that 650 were still asking to be evacuated, many of them from areas where rescue is difficult, *The Associated Press* reported. China said Monday that it had sent four military transport planes to rescue the remaining 1,000 of some 30,000 of its people who were there before the crisis.

Kristalina Georgieva, the European Union's crisis response commissioner, said that 1.5 million additional foreigners remained in Libya, increasing pressure on the borders with Egypt and Tunisia as non-Libyans sought to flee.

In a statement Sunday, the Of-

fice of the U.N. High Commissioner for Refugees, based in Geneva, said Tunisian authorities to the west had estimated that 40,000 refugees had arrived from Libya in a week. And to the east, Egyptian authorities said 55,000 people had fled since Feb. 19. More than half the total number of refugees were Egyptians, the refugee agency said, but they also included Libyans, Chinese, and people from several other Asian countries.

Television coverage at Libya's land borders showed mainly poor contract workers carrying few possessions.

Some footage showed hundreds of people crossing into Tunisia, then sitting on the ground, awaiting help.

"We are committed to assisting Tunisia and Egypt in helping each and every person fleeing Libya," said Antonio Guterres, the high commissioner for refugees. "We call upon the international community to respond quickly and generously to enable these governments to cope with this humanitarian emergency."

## Two popular Iranian opposition leaders are mysteriously missing

By Neil MacFarquhar  
THE NEW YORK TIMES

CAIRO — The mystery over the whereabouts of the two main Iranian opposition leaders, Mir Hussein Moussavi and Mehdi Karroubi, deepened Monday with contradictory reports over whether they had been jailed on the eve of a nationwide protest or remained under extreme house arrest, completely cut off from the outside world.

The two have not been seen in public or by their adult children since just before the Feb. 14 protests that they called for, ostensibly in solidarity with Arab uprisings, but which quickly transformed into anti-government rallies across the Islamic republic.

The website Kaleme, published by Moussavi supporters, said both men and their wives were now incarcerated at Heshmatieh prison in Tehran, but it was unclear when ex-

actly they were removed from their homes.

Another website, Saham News, which is run by Karroubi's supporters, quoted one of his sons as saying that a neighbor saw the couple carted off to an undisclosed location around midnight Thursday. Eight security vans surrounded the house before the former presidential candidate and his wife were taken away in a car, and the house has been dark at night since, neighbors reported.

The children of Moussavi and his wife had approached their house many times, but security guards turned them away with ambiguous and contradictory answers about their whereabouts, Kaleme said. The same happened to the Karroubi children, they said.

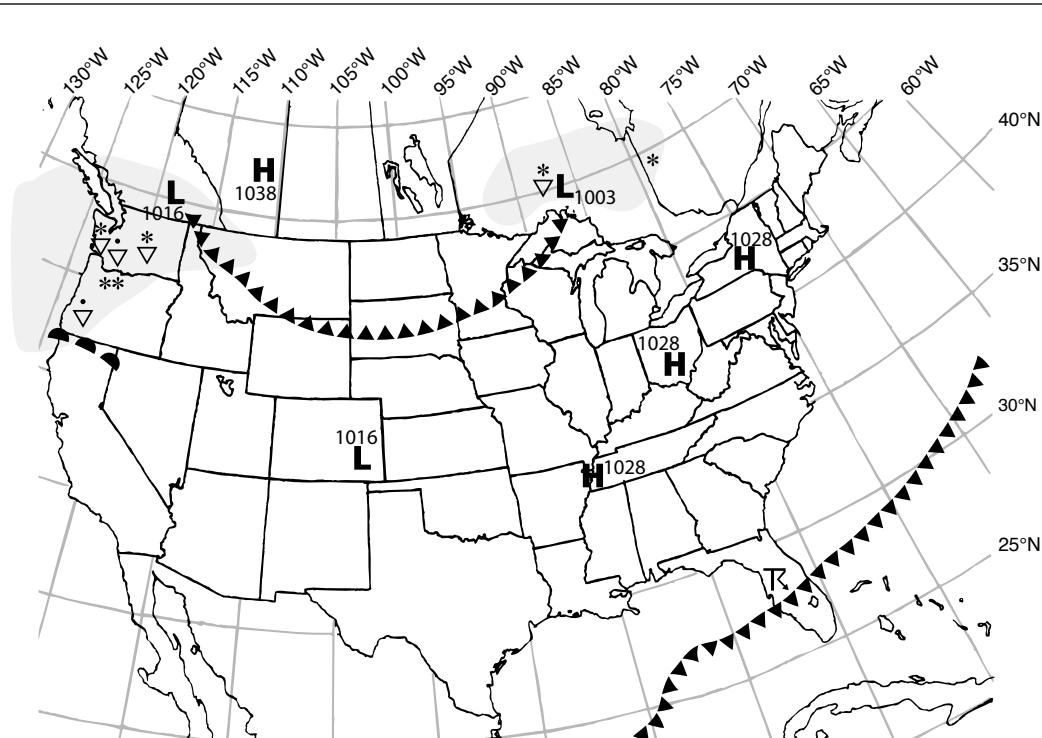
The official IRNA news agency quoted an official as confirming the report, at least obliquely. Gholam Hossein Mohseni-Ejehi said the government severed all outside

contact with the opposition leaders to end sedition and would take unspecified other measures if required.

In Washington, the White House press secretary, Jay Carney, described their reported detention as "unacceptable" and said they should be released.

Iranian youth groups have called for a series of demonstrations every Tuesday leading up to the Iranian new year toward the end of March. The first one on March 1 is supposed to express support for the two men.

However, the semi-official Fars news agency denied that the two couples were imprisoned. Fars quoted an unidentified official as saying the two men remained under house arrest, if isolated. The government has held off throwing them in jail, worried it would give their restless supporters in the Green movement a new cause to rally around.



Weather Systems		Weather Fronts		Precipitation Symbols		Other Symbols	
H	High Pressure	—	Trough	Snow	Rain	Fog	
L	Low Pressure	—	Warm Front	*	•	Thunderstorm	
§	Hurricane	—	Cold Front	•	*	Haze	
		▲▲▲▲	Stationary Front	**	..		
		▲▲▲▲		Heavy	***		

Compiled by MIT Meteorology Staff and *The Tech*

# Academy Awards less popular than last year, ratings are poor

By Michael Cieply  
and Brooks Barnes  
THE NEW YORK TIMES

LOS ANGELES — The Oscars tripped in their transition to a hipper, younger, media-mad future, attracting 12 percent fewer viewers than last year in the important 18-to-49 age bracket.

Early ratings results for Sunday night's broadcast of the 83rd Academy Awards ceremony on ABC pointed toward an overall audience of 37.6 million, about 4 million viewers short of last year's 41.7 million.

In a year when ratings for the Grammys, the Golden Globes, and the Super Bowl were all up, the bright, new Twitter-fingered Oscars were down. Tom Sherak, president of the Academy of Motion Picture Arts and Sciences, which bestows the awards and produces the telecast, was not ready to concede defeat, however. "I think it's a beginning — everything needs to start somewhere," Sherak said in a telephone interview. "Something didn't work? Let's try to fix it."

The viewership figures mean the annual movie awards are still chugging along as a spectacle one-third the size of the Super Bowl, almost as big as a good playoff game and down about 34 percent from its own contemporary ratings peak, in 1998, when *Titanic* helped deliver more than 57 million viewers.

But even these soft ratings may go down as an achievement, given the forces and flubs that threatened to sink the show after a season so trying that even Scott Rudin — a producer who had both *The Social Network* and *True Grit* among the best picture nominees — decided to stay home in New York rather than attend.

Rudin was tied up with previews for his Broadway musical, *The Book of Mormon*, as well as the first weekend of shooting in New York on *Extremely Loud and Incredibly Close*, a film directed by Stephen Daldry.

Having moved on, Rudin missed being there to watch a film distributed by his sometime business rival Harvey Weinstein take

the best picture Oscar. *The King's Speech* took that trophy, along with prizes for its screenplay, by David Seidler; its director, Tom Hooper; and its lead actor, Colin Firth.

But Rudin also sidestepped a show that was working hard to stay afloat amid the debris of a season that inflicted some damage on almost everyone who took part. With 10 nominations, *True Grit* got no prizes. *The Social Network*, once considered a lock for best picture, won awards only for its script, its score and its editing. *Toy Story 3* won best animated movie, but there was the simultaneous suggestion that voters don't take that art form seriously in the top race.

The Academy had to make do this year without an *Avatar*, the sort of late-season, prize-worthy crowd pleaser that automatically draws an audience to the show. Instead, it worked hard — you could almost hear the gears grinding through montages that made obligatory turns in all directions — to build its 10 best pictures into an engine strong enough to drive the show.

# Digital music services such as Pandora gather new investors

By Ben Sisario  
THE NEW YORK TIMES

Since it emerged in the 1990s, digital music has been hugely popular with fans, but for online music companies and their investors, it has almost never been profitable.

And yet the money has again started pouring in.

Pandora, the popular Internet radio service, filed for an initial public offering in February that would raise \$100 million. Spotify, a highly lauded European service, is reportedly raising \$100 million from private equity firms to help it come to the United States.

And those are just the big fish. Since the end of last year, at least \$57 million in venture capital has gone to digital music startups, ending a recent financing drought and setting up an array of young companies like Rdio, SoundCloud, and RootMusic in an already crowded marketplace. The heightened interest in a field that has had few win-

ners and a vast graveyard of losers has left some longtime executives and analysts scratching their heads. Faced with thin margins, persistent piracy, and expensive licensing deals from record companies, dozens of digital music startups have collapsed over the past decade, taking with them hundreds of millions of dollars in investment money. Even Apple, the largest music retailer, has long maintained that it makes little profit from its iTunes store, which has sold more than 10 billion songs since 2003.

"A number of the investors have not invested in digital music before," said David Pakman, a venture capitalist who is the former chief executive of the download service eMusic. "Usually the ones who have, have learned over the decade that it's an impossibly hard place to make money."

Even more challenging for startups, two very big players are expected to introduce cloud-type music services this year: Apple

and Google.

But more bullish investors point to technological developments and shifts in consumer behavior as signs that the business is about to turn a corner. These changes include the migration of digital media libraries from personal computers to the remote storage of the "cloud," as well as the explosive success of smart phone applications. Pandora's apps, for example, have been the biggest factor in driving that service to 80 million registered users, up from 46 million a year ago. (A basic, ad-supported service is free; the upgraded version, with no ads and higher-quality audio, is \$36 a year.)

"Services like iTunes, Pandora and Spotify have shown that with the right product and the right business model, you can effectively monetize digital music, which is kind of new," said Doug Barry of Selby Ventures, an early Pandora investor. "The last time around it was mostly about file-sharing and limited monetization."

# China takes Middle East as example, calls for action and protests begin

By Andrew Jacobs  
and Jonathan Ansfield  
THE NEW YORK TIMES

BEIJING — The call to action shot across mobile phones and Internet chat sites, urging people to converge on 13 Chinese cities to demand an end to corruption, inflation, and the strictures of authoritarian rule.

"The Chinese people do not have the patience to wait any longer," said one message.

The anonymous organizers got a sizeable turnout — but in China, most of those who poured into squares and shopping centers were police officers and plainclothes security agents.

Two months of upheaval in the Middle East have cast doubt on the staying power of all authoritarian governments. But in China, calls for change are so far being met with political controls wielded by authorities who, even during a period of rising prosperity and national pride,

have not taken their staying power for granted.

The nearly instantaneous deployment of the police to prevent even notional gatherings in big cities the past two weeks is just one example of what Chinese officials call "stability maintenance," a raft of policies and practices refined after "color revolutions" abroad and, at home, tens of thousands of demonstrations by workers and peasants, ethnic unrest in Tibetan and Uighur areas, and the spread of mobile communications and broadband networking.

Chinese officials charged with ensuring security, lavishly financed and permitted to operate above the law, have remained perpetually on edge, employing state-of-the-art surveillance, technologically sophisticated censorship, and new crime-fighting tools, as well as proactive efforts to resolve labor and land disputes, all to prevent any organized or sustained resistance to single-party rule.

"It is a comprehensive call to arms for the entire bureaucracy to promote social stability," said Murray Scot Tanner, a China security analyst at CNA, a private research group in Alexandria, Va.

Since the first widespread calls for Middle East-style demonstrations in China were published two weeks ago on a U.S. website that is blocked in China, the police have reacted with brutal efficiency. They have placed more than 100 dissidents and human rights campaigners under house arrest and threatened others who forwarded messages about the protests. They have also detained six prominent lawyers and activists on suspicion of inciting subversion. Censors have also intensified the filters on microblogs, already among the tightest in the world.

At an unpublicized meeting in February, the Politburo outlined heightened controls to prevent the type of revolts that toppled governments in Egypt and Tunisia.

## Obama talks about healthcare

WASHINGTON — President Barack Obama told the nation's governors Monday that he was willing to amend his landmark health care law to give states the ability to opt out of its most controversial requirements right from the start, including the mandate that most people buy insurance.

In remarks to the National Governors Association, Obama said he supported legislation that would allow states to obtain waivers from the mandate as soon as it took effect in 2014, as long as they could find another way to expand coverage without driving up health care costs. Under the current law, states must wait until 2017 to obtain waivers.

The announcement is the first time Obama has called for altering a central component of his signature health care law, although he has backed removing a specific tax provision that both parties regard as onerous on business.

And while some Republican governors praised Obama for reaching out, they said the move did not address their underlying discomfort with the law or the major structural flaws facing state budgets.

—Sheryl Gay Stolberg and Kevin Sack, *The New York Times*

## Middle East unrest in Yemen

SANA'A, Yemen — Yemen's political opposition rejected an invitation from President Ali Abdullah Saleh to form a national unity government and instead threw its support for the first time behind street protests calling for an immediate end to his authoritarian rule.

The proposal — and its immediate rejection — came ahead of what organizers have dubbed a "day of rage" on Tuesday, a title chosen for its resonance with protests in Egypt that led to the ouster of President Hosni Mubarak.

If opposition parties join the street protests Tuesday, as they have indicated, it would signal a more permanent shift in the nature of the protests.

The strength of the Yemeni youth movement that began following the Egyptian revolution put the established opposition parties in a tough place, said Abdul Karim al-Eryani, a former prime minister and presidential adviser.

—Laura Kasinof, *The New York Times*

## Japan expands army in response to the rapid growth of China

NAHA AIR BASE, Japan — This sun-baked airfield was built atop Okinawa's rocky coral by Americans during the Cold War, but these days its roaring jets proudly display the red sun of Japan.

The Japanese F-15 fighters are engaged in an increasingly busy — and at times tense — game of cat-and-mouse with rapidly modernizing China, just across the East China Sea. The pilots say they face intrusions into Japanese-controlled air space by an array of increasingly sophisticated Chinese aircraft, including advanced fighters like the Russian-made Su-27.

Tokyo announced plans to strengthen its forces in the southwestern Okinawan islands, including adding a dozen F-15s in Naha. The increase is part of a broader shift in Japanese defensive stance southward, toward China, that some analysts are calling one of Japan's biggest changes in postwar military strategy.

This strategic shift is another step in a gradual and limited buildup of Japan's forces, aimed at keeping up with the changing power balance in Asia while remaining within the bounds of Japan's antiwar Constitution and the constraints of its declining economic power.

The increases are also limited by Japan's own economic weakening: its military spending has been shrinking for the past decade along with the size of its overall economy, with little prospect of future increases.

—Martin Fackler, *The New York Times*

## Wisconsin labor unions clash

MADISON, Wis. — Time may or may not be running out to make some crucial decisions in the Wisconsin fight over labor unions and budgets. But the blame game is definitely coming to a boil.

In his two-week-long standoff with Democrats and state employee unions, the governor, Republican Scott Walker, has pressured 14 Democratic state senators, who have fled the state, to return to deal with what he says are important fiscal deadlines that would otherwise pass this week and harm the state.

But the Democrats are staying put, in Illinois, to avoid a quorum and thus stall a proposal by Walker that would strip public employee unions of nearly all their collective bargaining powers, allow publicly owned power plants to be sold with what critics say is little guarantee of fair value, and give the governor's appointees what public health advocates describe as expansive new powers to limit health care coverage for lower-income residents.

—Richard A. Oppel Jr., *The New York Times*

## Casual use of powerful lasers causes damage to unwary eyes

Eye doctors around the world are warning that recent cases of teenagers who suffered eye damage while playing with high-powered green laser pointers are likely to be just the first of many.

"I am certain that this is the beginning of a trend," said Dr. Martin Schmid, a Swiss ophthalmologist who reported one such case last September in *The New England Journal of Medicine*.

The pointers, which have also been implicated in a ninefold increase over five years in reports of lasers' being aimed at airplanes, are easier than ever to order online, doctors say — even though they are 10 to 20 times as powerful as the legal limit set by the Food and Drug Administration.

At the American Association of Ophthalmologists, a spokeswoman said the group was unaware of any increase in eye injuries caused by lasers. But doctors interviewed for this article said they were shocked by the easy availability of high-powered lasers.

—Christine Negroni, *The New York Times*

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## EDITORIAL

## Welcome, Chancellor Grimson

## Opening a new chapter in student engagement

Today is the first day of the chancellorship of W. Eric L. Grimson PhD '80. *The Tech* applauds his selection, and is excited to see the new ideas and perspective that he brings to the position. Student leaders have voiced strong support for the new chancellor, based on Grimson's past service with students and faculty members on numerous committees. Grimson has also received praise for his work as a professor and academic advisor, and through his experience as a graduate student here, we feel that he is well positioned to understand and support the unique culture of the Institute.

With Susan J. Hockfield's notably outward-facing stance as president, students have come to view the chancellor as the individual most responsible for their welfare. We look to Grimson to fairly balance the needs of students with those of other stakeholders at MIT — faculty, administrators, staff, parents — and to do so

transparently. We ask that he and the offices he oversees extend graduate and undergraduate students the same courtesies they would give to others at MIT. As such, we look for transparency in his decisions and direct lines of contact to students, perhaps through office hours. Wherever possible, we expect that he will solicit and incorporate student input into his decisions.

**We look to Grimson to fairly balance the needs of students with those of other stakeholders at MIT.**

We also expect the new chancellor to help resolve any conflicts between students and administrators. As the supervisor of the Divisions of Undergraduate Education, Graduate Education, and Student Life, he is uniquely

positioned to serve as an arbitrator and set a vision for academic and student life at MIT. When misunderstandings and disagreements arise over that vision, we hope that Grimson will help both sides find the best solution, using the reasonable and level-headed attitude that won him praise on the Committee on Academic Performance, among others.

Above all, we look to Grimson to act as a responsible, communicative, and conscientious steward of student life, well-being, academics, and the undergraduate and graduate community. The official description of the chancellor position describes "responsibility for graduate and undergraduate education at MIT, student life, and student services." We expect Grimson to lend his experience and judgment to these tasks, and we are confident that his chancellorship will represent a successful, beneficial, and lasting relationship between students and administrators.

## LETTERS TO THE EDITOR

## Widening inequality gap undermining "American Dream"

In his Feb. 22 opinion piece, "The Inequality Illusion," Keith Yost conveniently glosses over many underlying issues associated with wealth inequality. While it is true that the poor are not spending a higher percentage of their income on food than they were twenty years ago, neither are the rich. Those in the top quintile will still have a larger pool of disposable income in absolute terms, which can be used to accumulate wealth. As Yost pointed

out, they might be inclined to leave this wealth to specific groups, often their family. However, Yost chose not to address the clear question that follows this argument; namely, does increased income inequality and concentration of wealth lead to lower income mobility? It is hard to answer this directly, but a study from the Federal Reserve Bank of Boston indicated that over the period 1967–2004, income mobility was generally declining.

How can you reach the top income quintile? Certainly hard work or inventiveness might matter, but the best strategy is to be born there. According to a study by Lisa Keister of Duke University, 55 percent of those children born to parents in the upper-

most quintile would remain there in adulthood, while less than 5 percent of those born in the lowest quintile would reach that level by adulthood.

The traditional foundation of the "American dream" rests on our country's high level of social mobility and the idea that anyone, from any background, can achieve success. As we widen the gap between the very rich and very poor, we may be undermining this foundation. The successes of the past are not guaranteed to continue in the future, and despite what Yost claims, income inequality is not a topic which can simply be ignored when making policy decisions.

Irene Brockman G

Keep your eye on the ball, America  
Despite protests, Iran remains the key problem in the Middle East

By Rachel Bandler

The governments of Egypt and Tunisia have toppled like dominoes, accompanied by immense protests in Libya, Bahrain, Algeria, Jordan, and Yemen. Cries for freedom, revolution, and reform have been transformed into global slogans. Amidst

the chaos and excitement, it is important to not lose sight of one of America's most prevalent threats: a nuclear Iran.

After the Iranian Revolution of 1979 and the overthrow of the Shah, Iran was declared an Islamic republic by Ayatollah Khomeini. As supreme leader, Khomeini worked to implement strict Shia law, which

included measures like prohibiting women from being judges and forcing them to wear a hijab, in an effort to reverse modernizing reforms and fight westernization. Since then, Iranian leadership has become increasingly radicalized and has set the political stage for modern-day Iran.

Iran, Page 6

## CORRECTIONS

An article published last Friday about student input on potential orientation changes incorrectly stated that FPOPs this year will end by Friday before Orientation week. FPOPs will all begin on Tuesday of the week before orientation and run until Friday or Saturday.

A sports headline last Friday incorrectly stated that the MIT Men's Track team won their twelfth NEWMAC Championship. The team won the New England Division III Championship for the twelfth time in program history.

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# Don't ask, don't tell, don't change

*Politicizing the military doesn't just  
worsen our security, it's  
bad civil-military relations*

**By Keith Yost**  
*STAFF COLUMNIST*

Let's start with one basic, almost indisputable fact: the likely effect of repealing Don't Ask, Don't Tell (DADT) will be to make our military weaker. Judging by the recent survey of servicemen, the Marine Corps will suffer the greatest impact: of those marines who say they've actually served with a homosexual leader, co-worker, or subordinate, they reported that in 28 percent of instances it worsened their unit's ability to work together, in 26 percent it reduced unit morale, and in 25 percent it harmed the unit's performance. Virtually no Marines reported that having an effectively open homosexual in their immediate unit had a positive effect.

Furthermore, if DADT is repealed, 38.1 percent of marines said they would think about leaving earlier or definitely leave earlier than planned, while only 2.2 percent said they would think about or definitely serve longer than planned. This is on top of an already high surveyed attrition rate; 34.2 percent reported that they would probably or definitely leave following the completion of their present obligation. On the net, if we assume that half of the "probably's and "think about it's follow through and leave at the end of their current assignment, the repeal of DADT will raise the percentage of marines leaving as soon as legally able to 55.5 percent.

Even if we supposed that green recruits could effectively replace the half of our veteran corps that plans on leaving over the next few years, from where would we obtain them? Roughly 30 percent of our marines report that they would likely have never joined had DADT not been in place. And most homosexuals (who, if election exit polls are to be believed, represent less than three percent of the population), don't find the right to openly serve to be very important factor in whether they join the military — less than one in six of those currently serving in the Marines say they will come out of the closet after DADT is repealed.

repeated.

Perhaps the surveys are wrong, and the integration of open homosexuals into our military will proceed as smoothly as it has in other countries. It's dangerous, however, to make this assumption — the U.S. context, with its high fraction of evangelical Christians and cultural conservatives, is different from that of, say, Britain or Canada. If we chose all our policies based upon success abroad and without regard to context, we'd have Saudi Arabia's energy policy, Uzbeki-

stan's port security, and Monaco's welfare program.

"So what?" you might ask. Isn't this a matter of equality? If a third of our Marines are so uncomfortable serving with an openly gay member that they would leave the corps, isn't that their issue, not ours?

There are three problems with this. The first is that there is no "right" to serve guaranteed by the constitution. The military excludes many classes of people as a matter of course: single parents with custody, the very young, the old, the insufficiently educated, the physically unfit, and so on. And even those who are allowed in have a range of restrictions placed upon them when it comes to speech and rights. There is no obligation by the U.S. government to make military service available to anyone.

Secondly, the trade-off seems hardly to our advantage. Homosexuals already have the opportunity to serve in our military — the opportunity to serve *openly* is a marginal improvement, and if it comes at the price of repeatedly decimating our armed forces, then it comes far too dearly.

Lastly, and most importantly, making trade-offs of this nature sets a dangerous precedent. The number one executioner of republics are their own standing armies. There are few more suicidal routes a democracy can take than merging their military affairs with their civil. This is why, when it comes to military policy, there can only be two goals: bigger dog or better cage. Whether it is the debate over the military-industrial complex, or private military contractors, or what to do with a general like Stanley A. McChrystal, there are two options: either we enhance the ability of our armed forces, or build higher the walls we have erected to keep them separated from our domestic politics.

Using the military to advance a domestic agenda is unacceptable. I am sure President Obama has little intention to use the military as a political tool for more nefarious ends than helping win the next election, but he must recognize that the military does not exist for his own political expediency. Generations of statesmen have fought hard to constrain the military, to keep it bounded within a specific political mandate. To act as if those walls were not there, to make the military a component in some sort of social policy at the expense of its effectiveness is the height of recklessness.

DADT is a fair compromise between tapping the military potential of a small minority and avoiding the disruption that that minority's inclusion creates.

# Don't ask, don't tell, don't keep

*The repeal of DADT has corrected a deep and pernicious social injustice*

**By Andy Liang**  
*STAFF COLUMNIST*

Don't Ask Don't Tell (DADT) does not simply disallow gay soldiers from serving — it marginalizes gays. Keeping this antiquated law is to continue institutionalizing discrimination within the military. Since 1941, the U.S. has discharged more

many other closeted soldiers. Gay soldiers cannot trust others to watch their backs because they fear being outed. Unit cohesion is destroyed. The witch-hunt mentality set by the NCIS does not build military unity, but damages it. How can soldiers feel safe in each others' hands when they do not feel safe around each other?

But take fear out of the equation. Repeal DADT, and people's attitudes change. In response to Obama's challenge to DADT back in 2010, the Department of Defense conducted a comprehensive review on the impacts of repealing DADT by surveying service members' opinions for over nine months. The research shows that when service members without deployment experience were asked if their units' effectiveness would be affected by the repeal, "almost 80 percent said repeal would have a positive, a mixed or no effect."

But this varies with service members with deployment experience whose surveys came back with "56 percent [saying] it would have a positive, mixed, or no effect, and 44 percent [saying] it would have a negative effect" if they were deployed "in a field environment or out at sea." This is significantly different from the previous group, and may even suggest that having gays in the military will break down unit cohesion during mission deployment, thereby risking lives. But consider the DOD's last statistic: When asked about a DADT repeal's effect "in intense combat situations" or "when a crisis or negative event happens that affects your unit," the predictions of negative effects went down. About 30 percent said that repeal

Today, Justin has written a memoir, *Playing by the Rules*, retelling his time serving as an out Marine. His memoir reverberates with many people who have been discharged under DADT. To show how scarring DADT is to the military, Justin recounts being in the closet back in 1993:

"I had seen examples of how the Marine Corps had gone to lengths in the past to protect its image and from my experiences with the Naval Criminal Investigative Services (NCIS) it made me a bit paranoid. The military and NCIS have a history of tracking gay service members and ruining their lives. Because of the clandestine nature of the investigation, I was afraid that if I spoke up, I would be targeted."

way the military seeks out gay service members, one learns to not trust people in general, to lie, and to strategize to survive in a hostile environment. Over the years, I had learned how to ride that fine line and to be as out as I could without getting caught. I had come to loathe the hypocrisy and the witchhunts in the Marines and the Navy that destroyed so many of my friends' lives. I wanted to throw it back in their faces and stand up and fight the injustice that I had seen throughout my ten years in the Corps."

this ignorant mentality is educate them about gay people. For too long, demagogues like McCain have made gays look like sexual fiends. They focus our attention to showers-scenarios but shy away from real issues like military spending. For too long, good soldiers like Justin Elzie have been punished when they should have been rewarded. For too long, the military has worked divided. But now they will work as one.

*"They gave a medal for killing two men,  
but a discharge for loving one."*  
—Leonard Matlovich, 1975

—Eduard Maniovich, 1973

	Very Positive/Positive	Equally Positive and Negative	No Effect	Very Negative/Negative			
<b>Question 70. Respondents without combat deployment experience since September 11, 2001</b>							
On a day-to-day basis	17.4%	32.6%	29.3%	20.8%			
When a crisis or negative event happens that affects your immediate unit	17.2%	32.8%	29.9%	20.0%			
<b>Question 71. Respondents with combat deployment experience since September 11, 2001</b>							
In a field environment or out at sea	11.4%	25.8%	18.6%	44.3%			
When a crisis or negative event happens that affects your immediate unit	12.5%	33.3%	24.7%	29.4%			
In an intense combat situation	12.4%	31.4%	25.6%	30.6%			
<b>Question 81. If Don't Ask, Don't Tell is repealed, how, if at all, will your military career plans be affected?</b>							
	N	Overall	Army	Marine Corps	Navy	Air Force	Coast Guard
I will stay longer than I had planned	1,422	1.7%	1.9%	0.7%	2.2%	1.2%	1.7%
I will think about staying longer than I had planned	1,500	1.8%	2.0%	1.2%	2.2%	1.4%	1.5%
I will think about leaving sooner than I had planned	12,698	11.1%	11.8%	15.0%	8.6%	9.9%	9.1%
I will leave sooner than I had planned	12,126	12.6%	14.2%	23.1%	7.9%	8.2%	6.2%
My military career plans would not change	73,210	62.3%	60.2%	47.5%	68.0%	69.0%	67.5%
Don't know	10,690	10.5%	9.8%	12.2%	11.2%	10.3%	14.0%

# Protests distract from more pressing concerns

Iran, from Page 4

Mahmoud Ahmadinejad, the current president of Iran, entered politics during the Revolution. As a religious hardliner, he rose to power on the platform of continued repeal of modern laws. Asserting claims like "in Iran, we don't have homosexuals" and categorizing Christianity as a "deviation from the right path," Ahmadinejad has emerged as the embodiment of Iranian efforts against western values.

At present, Iran is openly pursuing nuclear capabilities and has been funding terrorist organizations. The Pentagon estimates that Hezbollah, a terrorist group responsible for numerous attacks — including a 1983 attack on a U.S. Marine barracks in Beirut that killed 240 American troops — receives up to \$200 million annually from Iran. Moreover, in 2010 it was estimated that Iran had the potential to produce a nuclear bomb within the next 2-5 years, yet Iran continues to prohibit

the United Nation's International Atomic Energy Agency from conducting a thorough investigation into their nuclear capabilities. Additionally, Iran boldly fired a test round of long-range missiles in 2009, some capable of hitting U.S. bases in the Persian Gulf.

Iran as a Shi'ite nation has only been strengthened by the current unrest in the Middle East, as Shi'ites across the region have become emboldened to demand greater representation amongst Islam's Sunni majority. Furthermore, many of Iran's enemies have been significantly weakened by domestic turmoil, and the number of countries left to counterbalance Iran has dwindled. Iraq, for example, used to act as an Iranian check, but is in no position to do so today. Iraq's unavailability places the major burden on Saudi Arabia, which is also experiencing unrest within its borders.

The current situation has left many countries vulnerable and within the sphere of Iranian influence. Oman and Qatar are

moving quickly towards Iran, whereas the futures of Egypt, Tunisia and Yemen are still in the air.

## Hopefully, the United States will remain steadfast in supporting moderate and democratic leaders.

Only last week, Iran asserted its dominance by sending two Navy ships through the Suez Canal to Syria for the first time since the Iranian Revolution. Whether as a provocation or to shift focus away from internal Iranian protests, the act signified Iranian aggression and a changing balance of power.

While the disarray in the Middle East validly warrants concern, it is also an opportunity for America to support new lead-

ers who consider Iran an existential threat. It is important that once the dust settles and the time for reconstruction arrives, the U.S. carefully evaluates and takes a firm stance on which leaders it supports. Hopefully, America will remain steadfast in supporting moderate and democratic leaders and will help to guarantee that the next generation of Middle East governments can work alongside the United States to stifle Iran's nuclear efforts.

Although it is too early to predict exactly how the balance of power will take shape in the Middle East, it is clear is that Iran is emerging as a key player. With radical leadership and nuclear capabilities on the horizon, America should avoid distractions and continue on the path of placing sanctions on Iran. It is crucial that the extensive protests, rallies, and revolts not divert U.S. attention from what will have the most serious and dire consequences for America and her allies — a nuclear Iran.

## Word association

*If you want to know if you are a Republican, look at Obama's budget*

By Keith Yost  
STAFF COLUMNIST

A friend once complained to me that she couldn't trust Republicans. Paraphrasing her words: "You see them in interviews on cable news and it's uncanny — they're all using the exact same phrase to describe a situation. Every hour, on the hour, you've got a right-wing talking head repeating the line of the day, and I can't help but think that there's some secret board of shadowy figures, passing out memos to conservatives that tell them what they'll be saying."

Maybe conservatives have some deep, underlying linguistic-rhetorical bond with one another. Maybe it is just coincidence signifying nothing. I have no idea — what I do know is that when President Obama unveiled his 2012 budget proposal, every single conservative who looked at it, including myself, had the same thought come to mind:

This is an unserious budget proposal.

As far as big-ticket numbers go, Obama's budget is nothing short of disastrous. Even in the best year of his ten-year projection, the government runs a deficit equal to 2.9 percent of GDP, never going below \$600 billion. Overall, the budget has the national debt rising to \$26.3 trillion by 2021, almost double today's level.

The story of debt held by the public — the money the government needs to convince others to lend it — is just as bad. By 2012,

publicly-held debt will have doubled from its 2008 size of \$5.8 trillion, and by 2020 it will have more than tripled to \$18.1 trillion.

Eighty percent of the budget remains completely untouched, and the remaining twenty percent is only frozen at its current (stimulus-inflated) level for five years. This budget is the picture of a nation awash in red ink, completely failing to come to grips with the problem at hand.

### If 'unserious' is the first word that comes to mind when reading the proposal, 'gimmicky' is the second.

It gets worse. If "unserious" is the first word that comes to mind when reading the proposal, "gimmicky" is the second. The worst trick (one responsible for at least a \$1.7 trillion on-paper reduction in the national debt) is the budget's assumption that the economy will grow significantly faster than the non-partisan Congressional Budget Office has projected.

Less glaring, but just as significant, are the budget's rosy assumptions about the political process. Between now and the 2012 election, we will continue to adjust Medicare doctor reimbursement rates for inflation, but

after that, no more, we promise. Likewise, we will continue to offer relief from the Alternative Minimum Tax for the next couple years, but after that we will eat our brussel sprouts, you have our word.

The most laughable of all of the tricks are the magic asterisks: the transportation budget, for example, has \$328 billion in revenue from an unidentified "bipartisan financing for Transportation Trust Fund." In other words, we don't know where the money is coming from, but don't worry, it won't add to the debt.

It's bad enough to play pretend — when you play pretend and still get numbers as awful as Obama's, concern-verging-on-panic is the proper response.

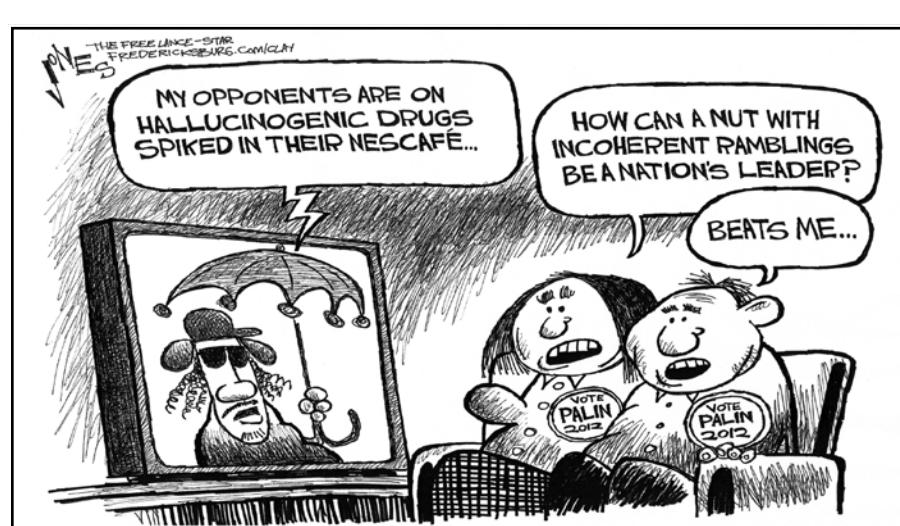
Today's proposal bears a striking similarity to the 2012 budget proposal that had been offered (and passed on) prior to the 2010 elections. There are minor differences, to be sure, but nothing one might expect from a president who has been so heavily rebuked in the midterms and who has been handed so many good budget ideas from his own bipartisan deficit commission. Instead of spending \$3.76 trillion in 2012, Obama now proposes spending \$3.73 trillion. Instead of spending \$5.71 trillion in 2020, Obama now proposes spending \$5.42 trillion. Following unserious and gimmicky, "business as usual" is the third impression that Obama's budget gives.

For a president who so obsessively lays

claim to the mantle of bipartisanship, this budget proposal comes as the unmasking of a great hypocrisy. Elected on a platform of change and given the political cover to make significant reforms to our budget, the leader of the Democratic party has decided he would rather attack the ideas of his opponents than suggest solutions of his own.

It is Republicans, not Democrats, who are braving the unfavorable political calculus and trying to reform the entitlement programs that make up the vast majority of our budget. It is Republicans, not Democrats, who are offering their sacred cows — cuts to military spending, tax hikes, etc. — up for slaughter even as Democrats propose raising government spending to its highest fraction of GDP since World War II. It is Republicans, not Democrats, who have put forth serious budget proposals that take action appropriate to the scale of our problem.

To those deficit hawks out there who have been on the fence, who have, in the aftermath of George Bush's profligacy, entertained the notion that Democrats might be more serious about righting our ship of state than Republicans, let this be your Damascene moment. Go ahead and take a look at President Obama's budget proposal. If your response is that it is an unserious and gimmicky piece of business as usual, then you don't need a memo from the shadowy board to tell you what you already know: you are a Republican.







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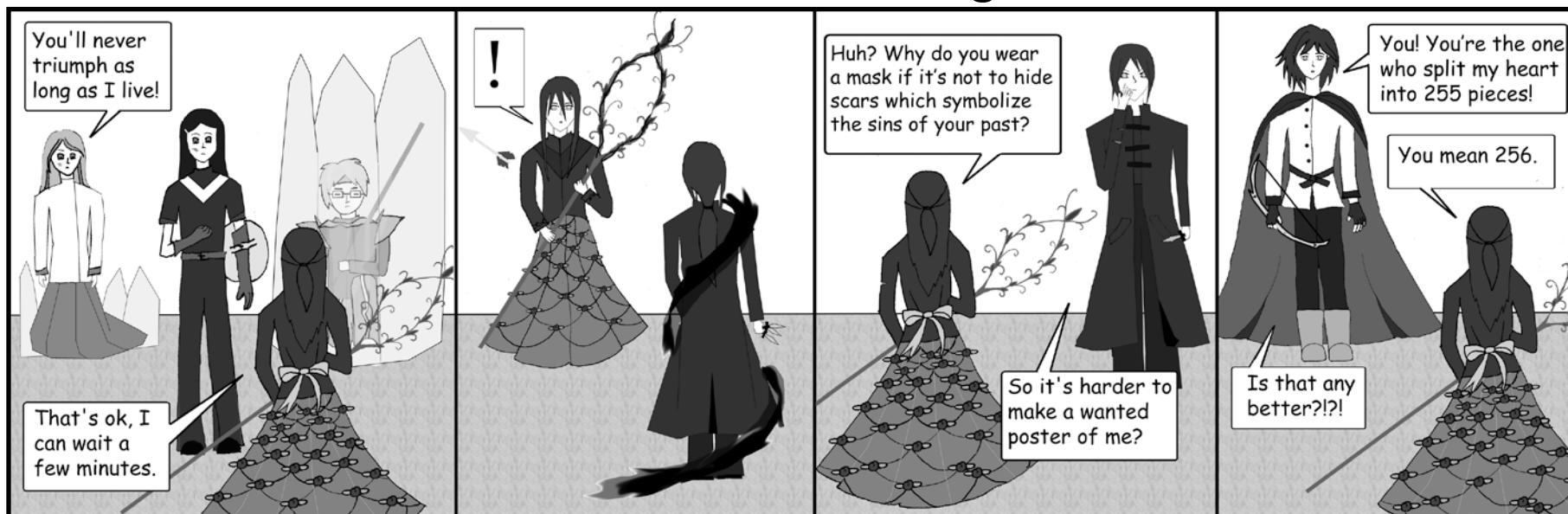


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## Somewhere on the Search for Meaning... by Letitia Li



## A Campaign Of Perpetual Psychic Warfare



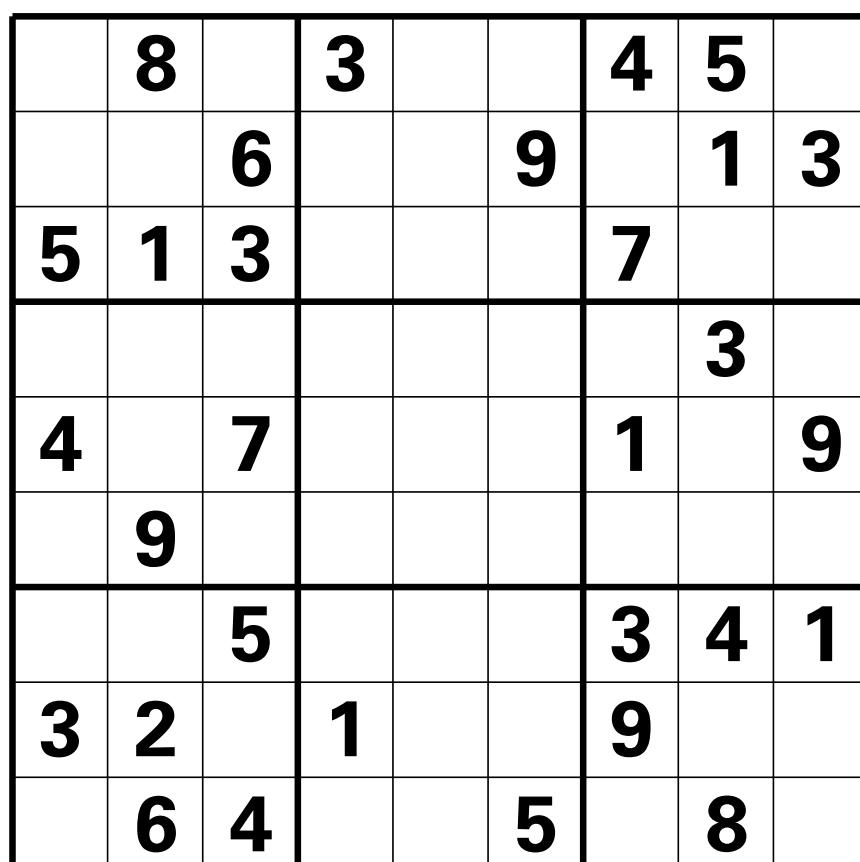
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## Sudoku

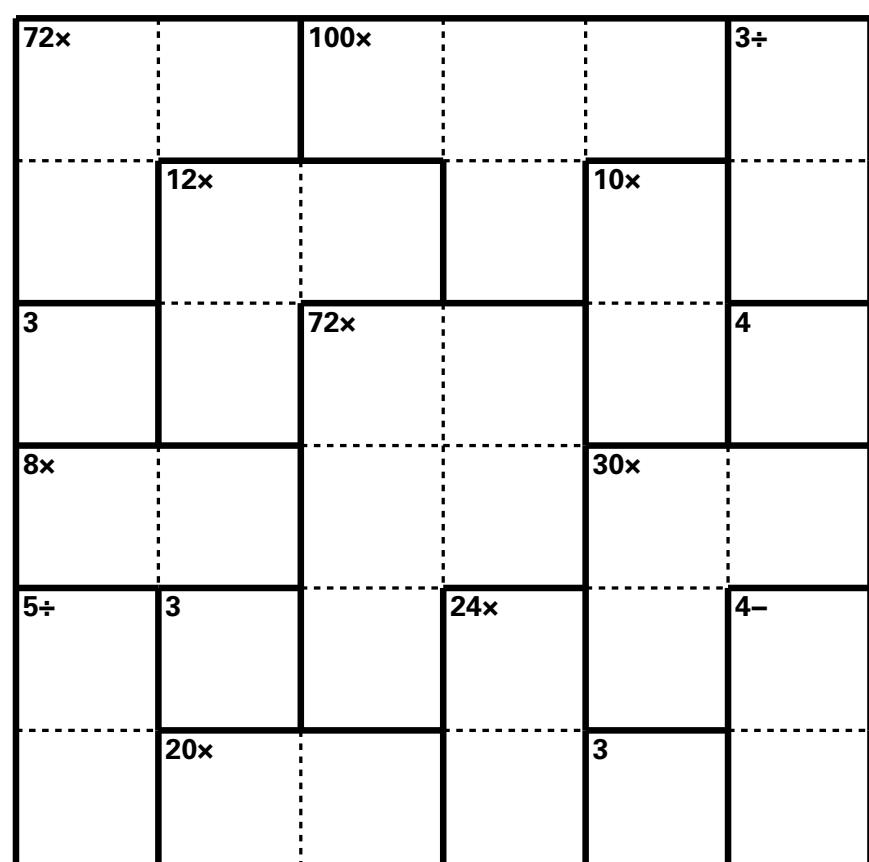
Solution, page 13



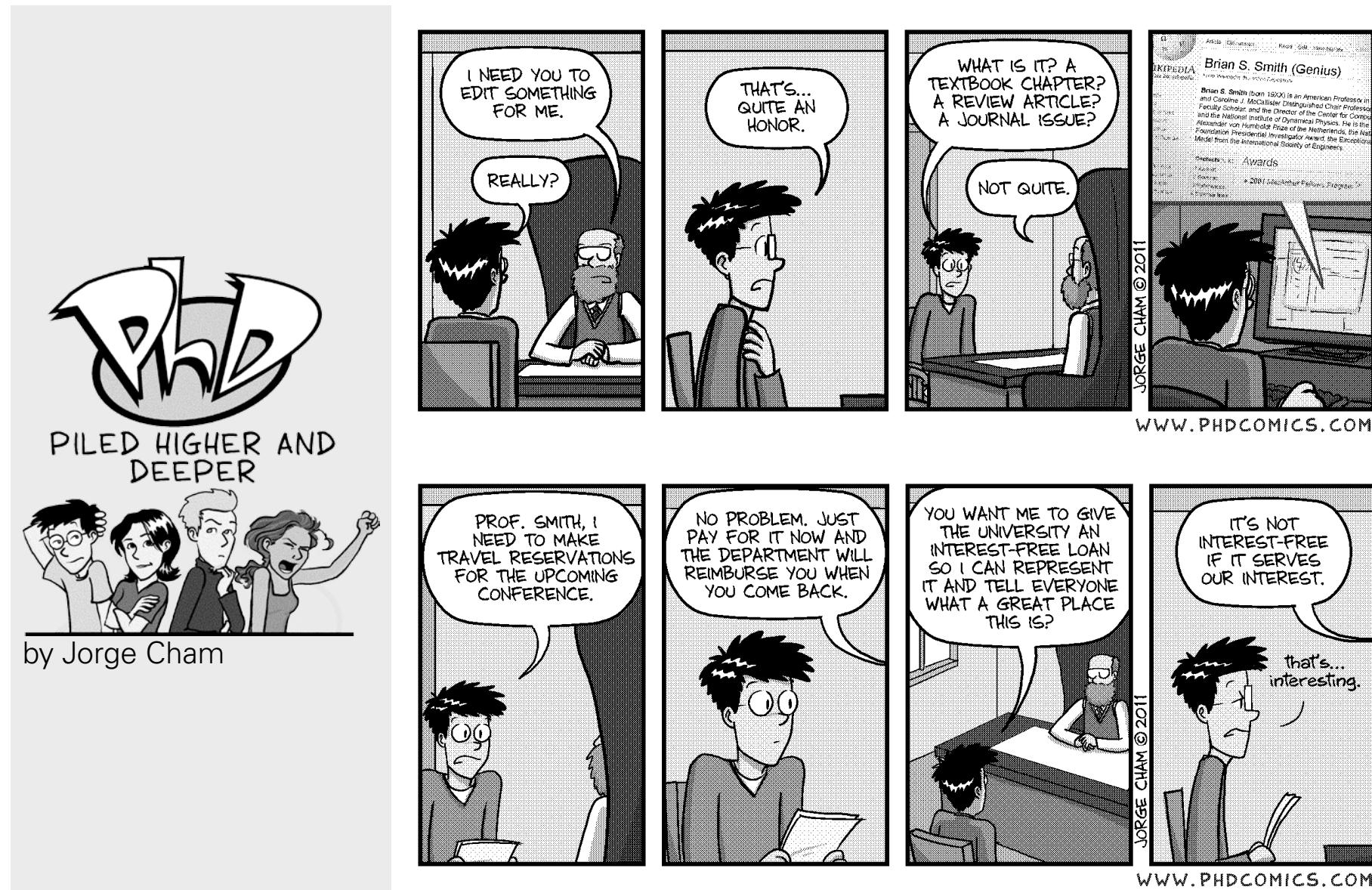
Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

## Techdoku

Solution, page 13



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.



# Flying Cars



It's hard to fit in the backseat of my flying car with my android Realtroll when we're both wearing jetpacks

# Crossword Puzzle

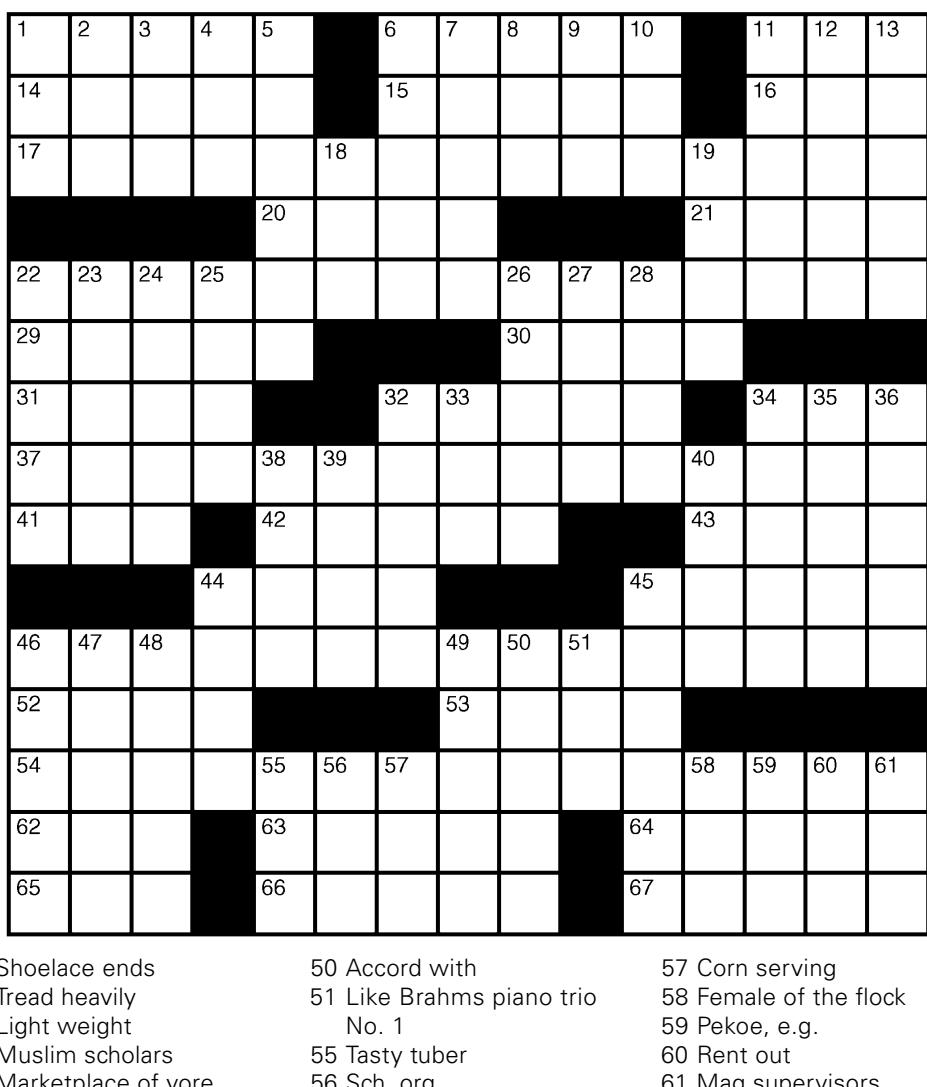
### Solution, page 13

## ACROSS

- 1 Laurel and Musial
- 6 Repeatedly
- 11 Boxer's stats
- 14 Fragment
- 15 Capacious
- 16 NASA's ISS partner
- 17 Dang
- 20 Currier's partner
- 21 Old-fashioned dagger
- 22 Deng
- 29 Convex moldings
- 30 End of a buck?
- 31 Norwegian saint
- 32 President Garfield's middle name
- 34 Sighs with delight
- 37 Ding
- 41 Puncture sound
- 42 Timely benefits
- 43 Org. of court players
- 44 Four fluid ounces
- 45 More qualified
- 46 Dong
- 52 City south of Moscow
- 53 Big mil. brass
- 54 Dung
- 62 1900
- 63 Pong producer
- 64 Winter wool
- 65 Vegetable ball
- 66 Safin of tennis
- 67 Places at the table

**DOWN**

- 1 NNW's opposite
- 2 Fort Worth sch.
- 3 Dadaist Jean
- 4 Slangy refusal
- 5 Smeltery byproduct
- 6 Bay window
- 7 Bone cavity
- 8 Youngster
- 9 Radio static letters
- 0 LIRR terminus
- 1 Sandra's "Speed" co-star
- 2 Start of a path?
- 3 Sub-Saharan region
- 8 AL-NL honoree
- 9 Nobel Institute city
- 2 High times
- 3 Wrinkly fruits
- 4 Tilts
- 5 Son of Leah
- 6 Campfire whoppers
- 7 Q.E.D. word
- 8 Capital of Italia
- 2 Anderssen of chess
- 3 Blue or Cross
- 4 Break in the audience
- 5 "Plaza Suite" setting
- 6 Entanglement
- 8 Footnote wd.
- 9 \_\_ contendere
- 0 Ernest of country music
- 4 Tiny pest





**Patrick J. Vatterott '13 and David R. Thomas '12 block a shot** during the men's volleyball match against Lesley University on Feb. 21. MIT won 25-9, 25-17, and 25-17 to improve their record to 16-4 overall.

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YUANYU CHEN—THE TECH

**On Monday evening, the sword disappeared from the anvil in Lobby 7 and reappeared in front of the Chancellor's office in Building 10.** A plaque accompanies the sword. It reads: "On the Night of February 28th, 2011, Professor W. Eric L. Grimson PhD '80 Drew This Sword from the Stone and Anvil in Lobby 7, Proving Himself Worthy of Chancellorship." The anvil remained in Lobby 7.

## R&B artists to play Spring Weekend

**Spring Weekend**, from Page 1

and opening act. The top five performers students ranked in last fall's survey were artists Kid Cudi, Ke\$ha, and a three-way tie for third among Owl City, Bruno Mars, and Jason Derülo. All of them were extended offers except Ke\$ha, who was not available to perform on the date of the concert. Because of the budget constraint, the committee lost bid wars for Kid Cudi and Bruno Mars to other schools with larger event budgets. Chen says that the bid for Bruno Mars was lost to the University of New Haven and the bid for Kid Cudi was lost to Syracuse University.

Chen says they expect the normal amount of about 1200 tickets to be sold for the event.

"We took a risk with N\*E\*R\*D

last year, which did not sell as well as we had hoped," Chen said. "This year, I think that we have the advantage of having someone with more name recognition compared to last year."

Chen added that the committee hopes that the distinct musical styles of the opener and headliner will appeal to a more diverse audience.

Pre-sale tickets will be available online on March 7. During the pre-sale, tickets will be \$12 for MIT students and \$25 for up to two guests per student. Once regular sales start on March 27, ticket prices will increase to \$15 for MIT students and \$25 for MIT affiliates, guests of members of the MIT community, and local college students. For tickets, visit <http://bit.ly/MITSW2011>.

## MIT answer delayed in Styke suit

MIT has obtained an extension on its time to answer the lawsuit filed against it by Wolfe B. Styke G. MIT's response had been due by Jan. 14, extended to Feb. 14, and is now due on March 15.

Styke is suing both MIT and Russell J. Novello for \$50,000 in personal negligence. Styke is the MIT student who was stabbed in his Next House dormitory room

in October 2007 by Anna L. Tang, then a Wellesley student. Tang was acquitted by reason of insanity, and has been free since early this year.

Novello, the security guard who gave Tang the key that gained her access to Styke's room while he was sleeping, has not yet filed an answer to the personal injury complaint. He is probably covered by the same extension to March 15.

Novello's attorney has not returned phone calls. MIT and Styke's counsel confirmed the extension.

—John A. Hawkinson

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## Broad plans extension in Cambridge Center

The Broad Institute has begun planning for an extension on 75 Ames St., an open lot behind its central 7 Cambridge Center campus. In an e-mail addressed to members of the Broad community last Friday, Alan Fein, executive vice president and deputy director of the Broad Institute, said that three of Broad's buildings — located at 320 Charles St., 301 Binney St., and 5 Cambridge Center — have leases which will expire in the next 3-4 years. According to the e-mail, the new building would serve to consolidate these existing buildings and would have more total space.

The e-mail invited members of the Broad community to three town hall meetings held March 7-8 with the architects of the new building to discuss "what works in [the] current space, in terms of architecture and design, and what can be improved upon."

—Pearle Lipinski

By John A. Hawkinson  
STAFF REPORTER

The Supreme Court heard arguments yesterday morning in *Stanford v. Roche*, and the justices did not indicate which way they were leaning in the university patent dispute. At issue is whether a Stanford researcher, Mark Holodniy, could sign away Stanford's patent rights to an AIDS test to Cetus, a local biotech company. Holodniy first signed an agreement with Stanford that he "will assign" any future inventions to Stanford. But then he visited Cetus and agreed to "hereby assign" future inventions — inventions he had not yet created — to the biotech company. Which agreement wins is a question of more than just contract law.

Because the research was federally funded, the Bayh-Dole Act of 1980 governs the handling of its intellectual property. MIT and many other universities have sided with Stanford in the case. Cetus was later bought by Roche. Stanford is appealing the case to the Supreme Court, because Roche won the last round in the United States Court of Appeals for the Federal Circuit.

Stanford's counsel, Donald B. Ayer, was initially questioned by Justices Antonin Scalia and Anthony Kennedy over how this dispute would have been resolved had there been no federal funding or no Bayh-Dole Act.

Justice Samuel A. Alito sharply defined the two weaknesses in Stanford's argument: "First, that it has long been the rule that inventors have title to their patents initially, even if they make those inventions while working for somebody else."

"And the second," Alito continued, "is that you are relying on a provision that says that the non-profit organization may elect to 'retain' title, which means hold onto a title that the organization already has. There's just no accepted definition of the word 'retain' that corresponds to the meaning that you want to assign to that word. 'Retain' does not mean 'obtain.'"

Arguing for the Solicitor General of the United States, Deputy Solicitor General Malcolm L. Stewart received part of the Stanford's half-hour argument time. Stewart was asked by Justices Elena Kagan and Sonia Sotomayor why the government didn't simply require the

institutions to get "I hereby assign" statements from their inventors. There was no good answer.

Indeed, some universities (such as MIT), have done just that. Last spring, as this case began making its way to the Supreme Court, MIT changed the language of its Inventions and Proprietary Information Agreement to "I hereby assign," instead of "I agree to ... assign." MIT made the change so that if a similar dispute were to arise, it would not be in the legal position Stanford is in.

Curiously, Roche cited MIT as an example of the "hereby assign" language in argument today. Roche seemed not to be aware that MIT had changed its language in response to this case.

Roche's case was argued by Mark C. Fleming. Justices asked Fleming what would prevent an inventor and a federal contractor from conspiring to keep the rights owned by the inventor, cutting the government out of the picture, if in fact the inventor really had the power to sign away those rights.

When Fleming replied that the government could require property assignments as a condition of funding, Chief Justice John Roberts

observed that such an idea could return the world to the pre-1980 situation of many different government agencies having vastly different policies on intellectual property. It was because of the difficulty in navigating that regulatory landscape that Bayh-Dole was born: a way to encourage technology transfer to private industry without getting bogged down in the red tape.

The Court seems to suggest that universities should just change the language of their agreements, said Baldassare Vinti, a partner at Proskauer Rose LLP who specializes in patent law. Vinti said that including the "I hereby assign" language would provide better protection than the language that is now commonplace: "I agree to assign."

Chief Justice Roberts and Justice Ruth Bader Ginsburg asked the most questions, nine each: six questions for Roche, and three split between the United States and Stanford. Next was Scalia, who questioned Roche three times and Stanford and the U.S. four times. Justices Sotomayor, Kagan, and Breyer did not question Stanford, but reserved their inquiries for Roche and the United States.

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**Solution to Techdoku**  
from page 10

2	6	5	1	4	3
6	4	3	5	2	1
3	1	6	2	5	4
4	2	1	3	6	5
5	3	2	4	1	6
1	5	4	6	3	2

**Solution to Crossword**  
from page 11

S	T	A	N	S	O	F	T	E	N	K	O	S
S	C	R	A	P	R	O	O	M	Y	E	S	A
E	U	P	H	E	M	I	S	T	I	O	A	T

**Solution to Sudoku**  
from page 10

7	8	9	3	6	1	4	5	2
2	4	6	5	7	9	8	1	3
5	1	3	2	8	4	7	9	6
8	5	1	7	9	2	6	3	4
4	3	7	8	5	6	1	2	9
6	9	2	4	1	3	5	7	8
9	7	5	6	2	8	3	4	1
3	2	8	1	4	7	9	6	5
1	6	4	9	3	5	2	8	7

# Supreme Court hears *Stanford v. Roche*

## Dispute surrounds assignment of intellectual property at universities

By John A. Hawkinson  
STAFF REPORTER

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## UA and Class Council Spring 2011 Election Candidates

### Undergraduate Association

President and Vice President	Allan Miramonti '13 and Alec Lai '13
------------------------------	--------------------------------------

### 2012 Class Council

President	Nate Fox
Vice President	Hannah Sparkman*
Publicity Chairs	Anjali Muralidhar and Eliana Schleifer*
Secretary	Christine Chen
Treasurer	David Zhu
Social Chairs	Jess Hammond and Sid Saraswat*

### 2013 Class Council

President	Danielle Class Amanda David
Vice President	Vanessa Trevino Chazz Sims
Publicity Chairs	Jamie Kang and Veronica Barrera Denzil Sikka and Elise Stave
Secretary	Bahar Shah
Treasurer	Kuljot Anand
Social Chairs	Nancy Chen and Henry Zhu Kimberly Aziz and Martin Goycoolea*

### 2014 Class Council

President	Daesun Yim Anika Gupta
Vice President	Jean Xin Pramod Kandel*
Publicity Chairs	Dorian Burks and Candace Chen Erica Du and Rebecca Lin Jesse Sharps and Sashko Stubailo
Secretary	Yi Wu
Treasurer	Jonathan Chien
Social Chairs	Catherine Cheng and Jason Lee Oliver Song

\*Turned in petitions by late petition deadline, Feb. 28 at noon.

# Corp. Chairman speaks on budgets, student life

### John Reed, from Page 1

"You have a new Chancellor, and that's your conduit," said Reed, referring to Chancellor W. Eric L. Grimson PhD '80, who assumes the chancellorship today. "His job is primarily interacting with the students."

"There's no question in my mind, I don't care what the communication is, but there is a need for communication," Reed added.

Reed felt that though many channels for student-administration dialogue currently exist, some of those channels may not "have worked as well as they should have." He cited the Corporation's Visiting Committee structure as a way for him to learn more about student life and academic issues. When questioned, Reed said that he "would ask" if department heads could share Visiting Committee reports — or at least the parts that directly concern students — with the student body.

Visiting Committees meet with students, faculty, and staff from academic departments and major school divisions once every two years to provide recommendations to the Corporation and the administration.

When asked to what extent he felt MIT should imitate other schools, Reed drew on his experience as a student at MIT, expressing his feeling that the Institute need not rely on models set by other schools. But he also noted that the reality of competition for students restricts the Institute's ability to be wholly independent.

"I'm of the school that we should be very good at what we want to be and not pay a hell of a lot of attention to what everybody else wants to be," said Reed. But he explained that MIT closely tracks admissions statistics — particularly, where students who choose not to attend MIT end up. Providing student life amenities — like robust dining, athletics, and dormitory living — that are competitive with other schools is a necessity of the modern world, said Reed.

Reed also explained that despite students' concerns that MIT may be losing

its innovative edge, MIT administrations have had a long history of advancing the Institute's mission.

"You're a student for a period of time and all you see is MIT at that time," Reed said. "We've had some pretty creative, exceptional administrations. ... When I was a student here, biology didn't exist. Now, 40 percent of the school is in the life sciences."

Also on senators' minds were questions of MIT's budget problems. MIT's roughly \$8.3 billion endowment and \$2.1 billion in deferred maintenance costs stole the spotlight.

"We're about \$5 billion short of where we should be to operate the Institute today," said Reed. Last year, he added, MIT used about \$660 million of endowments funds to support Institute operations. This represents about 6.7 percent of the endowment, when other factors are considered on top of 2010's \$8.3 billion figure. To be healthy, Reed said, MIT should draw only 4 percent annually to support operations.

The Chairman added that MIT may consider extending the scope of its donor base to make up for financial shortfalls.

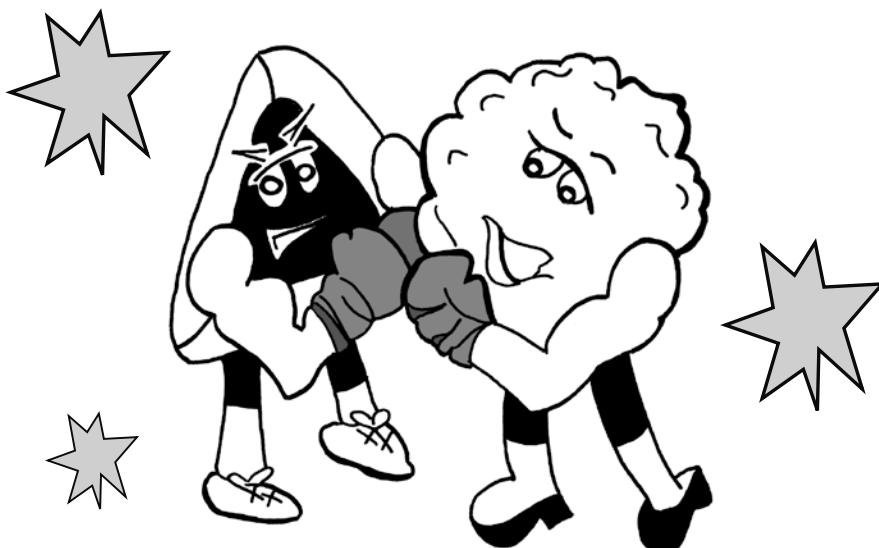
"There's a fair amount of money in the hands of alumni," said Reed of MIT's traditional donor base. He said MIT raises about \$300 million annually from "people who are attached to MIT."

"There are about nine people who are living today who are reputedly billionaires and who graduated from MIT ... but we're also going to have to broaden our appeal," he remarked, citing eager outside donors interested in supporting research in cancer or energy.

Reed graduated from MIT in 1961 with a Bachelor of Science in course XV and obtained a masters in the same field in 1965. While at MIT, he was a member of Lambda Chi Alpha. He has served as the chairman for the New York Stock Exchange and the chairman and CEO of Citicorp and Citibank. In addition to being chairman of the MIT Corporation, he currently serves on the board of directors at the Altria Group, the parent company of cigarette company Philip Morris.

## MIT Hillel Presents LATKE vs. HAMENTASHEN THE GREAT DEBATE

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Dr. Ashley Thomas Lenihan

Senior Fellow, Legatum Institute

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# Squash finishes strong

## Team ends with second place at nationals

By Joanna Kao  
STAFF WRITER

The MIT Squash team came in second (3-6) to Vanderbilt on Sunday after three days of matches at the 2011 Men's National Team Championships this weekend. In squash, the scores indicate the number of match wins of one team's top nine against the other team's corresponding nine. The squash team won 6-3 against the University of Washington on Friday in the first round of competition and 5-4 against UC Berkeley during Saturday's semifinals at Harvard.

Vanderbilt came into the weekend as the underdog, but they proved themselves over the weekend by beating two teams they were not expected to win against.

"We kicked butt. We weren't expecting such a fierce Chaffee Cup bracket, and we're psyched to bring home a runner-up trophy. We really thought we'd sweep the division and were impressed by Vanderbilt's showing," said Nadeem A. Mazen '06, head coach. "Every match was close: U Washington and Cal Berkeley also had a great showing, and we showed great sportsmanship and spirit all the way through."

MIT's first and fourth seeded players,

West D. Hubbard '14 and Austin C. Anderson '12 won all three matches this weekend. Hubbard won by large margins during the semifinals and finals.

There were some close matches during the finals on Sunday. Second-seeded Michael G. Zomnir '11 lost 10-12 on the fifth game, and seventh-seeded Joseph E. Lemberg '11 won 11-9 on the fifth game.

**"We kicked butt ... we're psyched to bring home a runner-up trophy."**

—Nadeem A. Mazen '06  
HEAD COACH

This weekend was the last home game for the seniors of the team. This year, the squash team will be losing four seniors, a third of their team. "We are graduating an almost unprecedented number of seniors this year," Mazen said. "We're psyched that the incoming recruits are growing in number and increasing in prior experience each year."

Hubbard will travel to Dartmouth to compete individually in the College Squash Association Individual Championship this weekend.



JOANNA KAO—THE TECH

**Michael G. Zomnir '11 dives to retrieve a ball** during a first-round match on Friday night. This weekend was Zomnir's last match at MIT. During the final, Zomnir played a very close match, losing by only two points in the fifth game.

## UPCOMING HOME EVENTS

**Tuesday, March 1**

Men's Volleyball vs. Elms College

7 p.m., Rockwell Cage

**Thursday, March 3**

Men's Tennis vs. Emerson College

4 p.m., Carr Indoor Courts



**Eric J. Roselli '11 dives off the starting block** during the 500-meter freestyle event on Friday. The Men's Swimming and Diving team defended their title this past weekend to win their third straight NEWMAC Championship.

# MIT defends conference title

## Men's Swim & Dive hosts NEWMAC Championship

By Craig Kaufman  
DAPER STAFF

On the strength of seven first-place finishes, MIT increased its lead during Saturday's finals session in the New England Women's and Men's Athletic Conference (NEWMAC) Men's Swimming and Diving Championship. The Engineers raised their total to 769 points while the U.S. Coast Guard Academy maintained its position in second place with a tally of 517. Springfield College continued to rank third with 346 points.

In the 200 medley relay, MIT's squad of Ryan N. Terbush '12, Michael J. Liao '14, Wyatt L. Ubellacker '13, and Craig B. Cheney '14 earned an NCAA B standard with a time of 1:31.85. The B relay contingent comprised of Scott A. Stephens '14, David C. Parell '12, Toomas R. Sepp '11, and Anthony Chen '13 won the consolation final in 1:34.68.

Brendan T. Deveney '13's time of 4:02.59 in the 400 individual medley broke the meet record set last season. Jeffrey H. Lin '14 (4:07.96) and Remy A. Mock '14 (4:09.50) followed in third and fourth place, respectively, while Eric J. Roselli '11 rounded out the Engineers with an eighth-place finish (4:22.29).

Ubellacker established a new meet record in the 100 butterfly with a time of 49.15. Sepp touched the wall in 49.86, resulting in another pair of NCAA B cuts for the Engineers. MIT picked up additional points in the championship final courtesy of Kevin M. Lang '13 (51.17, fourth place) and Brett L. Boval '12 (51.28, fifth place).

William C. Dunn '14 received the first NCAA automatic qualification of the meet by finishing in 1:39.69 in the 200 freestyle. In the consolation final, Michael J. Dobson '11 finished ninth (1:43.63) while Stephens (1:44.92, 13th) and Maxwell T. Pruner '13 (1:45.16, 14th) came in right behind each other.

In the 100 breaststroke, MIT placed four swimmers in the top eight. Liao led the way with a first-place finish and an NCAA B cut time of 56.53, while Parell followed in second place with 58.09.

The Engineers saw five athletes pick up points in the 200 backstroke. Terbush led the way with an NCAA B cut time of 51.80 for a third-place finish as Timothy J. Stumbaugh '12 (52.36) and Brendan F. Liu '13 (52.46) ranked fifth and sixth, respectively.

MIT closed the evening by breaking the meet record it set two years ago in the 800 free relay. The quartet of Deveney, Carlo R. Biedenharn '14, Andrew W. Pierson '12, and Dunn clocked in at 6:50.34, which also met the NCAA provisional qualifying standard.

# Men's Basketball wins NEWMACs

## NCAA tournament up next

By David Zhu  
SPORTS EDITOR

The MIT Men's Basketball team competed in the NEWMAC tournament held at Worcester Polytechnic Institute over the weekend. The Engineers, seeded second in the field of four teams, defeated Springfield College in the semifinals on Saturday, 77-68, before upsetting hosts and top-seeded WPI on Sunday, 63-52.

Against Springfield on Saturday, the Engineers were in control the entire game. After the score was tied at five 3:15 into the game, MIT scored ten unanswered points to take the lead, which they would hold for the rest of the game. With just over two minutes remaining in the half, Springfield pulled within five, 31-26, but Mitchell H. Kates '13 was the only player to make a field goal for either team the rest of the half, hitting two three-pointers and a layup off a steal, to give MIT an 11-point lead at the half.

The Engineers continued their momentum coming out of the break, scoring the first six points in the half. They stretched their lead to as many as 20, and cruised to a 77-68 win to earn a spot in the tournament final.

**They stretched their lead to as many as 20, and cruised to a 77-68 win to earn a spot in the tournament final.**

Kates scored 18 of his game-leading 22 points in the first half, and Tournament Most Outstanding Player William Tashman '13 added 17 points and 14 rebounds in the game.

The WPI team facing the Engineers in the final on Sunday was more evenly matched. Neither team could gain more than a three-point advantage for the first part of the half, but MIT went on to a 17-4 run to take a ten-point lead, 24-14, with just over five minutes remaining. WPI responded with 12 unanswered points of their own, and the score at halftime was 28-26 in favor of WPI.

Coming out of the break, the Engineers once again opened with six straight points. This run gave them the lead for good, as MIT made 72.7 percent of its shots from the floor in the second half. The Engineers stretched their lead to 12 with 8:30 left, and although WPI pulled within six points with 5:11 remaining, MIT scored the next nine points to secure the victory.

Tashman contributed 17 more points and 10 more rebounds in the final, and William E. Bender '12 scored 13 points off the bench for MIT.

With the win, the Engineers earn an automatic berth in the NCAA Division III Championships. This will be MIT's third straight national tournament appearance, and they will look to improve on last year's result, a first-round loss to DeSales University.

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